Title (en)
IMAGE ENCODING METHOD, IMAGE DECODING METHOD, IMAGE ENCODING DEVICE AND IMAGE DECODING DEVICE

Title (de)
BILDCODIERVERFAHREN, BILDDECODIERUNGSVERFAHREN, BILDCODIERVORRICHTUNG UND BILDDECODIERUNGSVORRICHTUNG

Title (fr)
PROCÉDÉ DE CODAGE D'IMAGE, PROCÉDÉ DE DÉCODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE ET DISPOSITIF DE DÉCODAGE D'IMAGE

Publication
**EP 2871838 A4 20150729 (EN)**

Application
**EP 13816103 A 20130628**

Priority
- US 201261669277 P 20120709
- JP 2013004056 W 20130628

Abstract (en)
[origin: EP2871838A1] An image encoding method for encoding a multiview video is provided. The method includes: determining a maximum number of per-picture pixels (127) and a maximum buffer size (128) which corresponds to a maximum number of candidate reference images for use in a non-multiview coding, based on a level signal (126) representing a coding level with reference to a table (T1) (S101); calculating a maximum number of candidate reference views (129) for use in inter-view predictive coding using the maximum number of per-picture pixels (127), an image size of an input image (125), and a scale factor for use in multiview video coding (S102); and calculating an MVC maximum buffer size (130) corresponding to a maximum number of candidate reference images for use in multiview video coding, using the maximum number of views (129), and the maximum buffer size (128) (S103).

IPC 8 full level
**H04N 7/00** (2011.01); **H04N 19/423** (2014.01); **H04N 19/46** (2014.01); **H04N 19/573** (2014.01); **H04N 19/597** (2014.01); **H04N 19/70** (2014.01)

CPC (source: EP US)
**H04N 19/30** (2014.11 - EP US); **H04N 19/423** (2014.11 - EP US); **H04N 19/52** (2014.11 - US); **H04N 19/573** (2014.11 - EP US); **H04N 19/577** (2014.11 - US); **H04N 19/597** (2014.11 - EP US); **H04N 19/70** (2014.11 - EP US)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
**EP 2871838 A1 20150513**; **EP 2871838 A4 20150729**; **EP 2871838 B1 20190306**; CN 104429075 A 20150318; CN 104429075 B 20171031; JP WO2014010192 A1 20160620; US 2015172713 A1 20150618; US 9843819 B2 20171212; WO 2014010192 A1 20140116

DOCDB simple family (application)
**EP 13816103 A 20130628**; CN 201380036063 A 20130628; JP 2013004056 W 20130628; JP 2014524626 A 20130628; US 201314411930 A 20130628